

Water-Data Report CA-2005

10287700 TIOGA LAKE NEAR LEE VINING, CA

Mono Lake Basin

LOCATION.--Lat 37°55'41", long 119°15'01" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.19, T.1 N., R.25 E., Mono County, Hydrologic Unit 18090101, in Inyo National Forest, at left abutment of dam, on Glacier Creek, and 7.4 mi west of Lee Vining.

DRAINAGE AREA.--3.67 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1990 to current year. Unpublished records prior to October 1990 available in files of Southern California Edison Co.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Southern California Edison Co.).

REMARKS.--No records computed during the winter months. Reservoir is formed on natural lake by rock-fill dam completed in 1928. Usable capacity, 1,254 acre-ft, between elevations 9,626.72 ft, invert of outlet, and 9,650.28 ft, crest of spillway. Figures given represent usable contents. Water is used for power development downstream.

COOPERATION.--Records collected by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 1388.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on survey by Southern California Edison Co., dated Aug. 19, 1981)

Elevation	Contents	Elevation	Contents	Elevation	Contents
9,626.72	0	9,635	356	9,646	962
9,630	131	9,640	609	9,652	1,383

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RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,260	1,260	565	---	---	---	---	---	848	876	1,210	1,260
2	1,260	1,260	539	---	---	---	---	---	861	941	1,200	1,260
3	1,260	1,260	513	---	---	---	---	---	861	991	1,190	1,260
4	1,260	1,250	489	---	---	---	---	---	864	1,030	1,190	1,250
5	1,260	1,230	481	---	---	---	---	---	863	1,070	1,200	1,250
6	1,260	1,210	447	---	---	---	---	---	843	1,110	1,210	1,250
7	1,260	1,190	427	---	---	---	---	---	810	1,160	1,220	1,240
8	1,260	1,180	403	---	---	---	---	---	775	1,200	1,230	1,240
9	1,260	1,160	380	---	---	---	---	---	747	1,230	1,240	1,240
10	1,260	1,140	358	---	---	---	---	---	736	1,260	1,250	1,230
11	1,260	1,120	337	---	---	---	---	---	739	1,270	1,260	1,230
12	1,260	1,100	317	---	---	---	---	---	748	1,280	1,260	1,220
13	1,260	1,080	297	---	---	---	---	---	776	1,270	1,270	1,220
14	1,260	1,060	278	---	---	---	---	---	828	1,270	1,260	1,220
15	1,260	1,040	259	---	---	---	---	---	868	1,270	1,270	1,210
16	1,260	1,010	240	---	---	---	---	---	877	1,270	1,270	1,210
17	1,270	979	224	---	---	---	---	---	857	1,270	1,270	1,210
18	1,260	946	207	---	---	---	---	---	826	1,280	1,270	1,200
19	1,270	913	194	---	---	---	---	---	794	1,280	1,270	1,200
20	1,270	882	178	---	---	---	---	---	773	1,270	1,260	1,200
21	1,260	849	163	---	---	---	---	---	762	1,270	1,260	1,190
22	1,260	818	150	---	---	---	---	---	751	1,270	1,260	1,190
23	1,260	786	139	---	---	---	---	---	742	1,260	1,260	1,190
24	1,260	756	---	---	---	---	---	604	743	1,260	1,260	1,180
25	1,260	727	---	---	---	---	---	658	744	1,260	1,260	1,180
26	1,270	698	---	---	---	---	---	722	744	1,250	1,260	1,180
27	1,260	677	---	---	---	---	---	778	751	1,240	1,260	1,180
28	1,260	648	---	---	---	---	---	813	755	1,230	1,260	1,180
29	1,260	620	---	---	---	---	---	817	766	1,230	1,260	1,170
30	1,260	593	---	---	---	---	---	809	809	1,220	1,260	1,170
31	1,260	---	---	---	---	---	---	821	---	1,220	1,260	---
Max	1,270	1,260	---	---	---	---	---	---	877	1,280	1,270	1,260
Min	1,260	593	---	---	---	---	---	---	736	876	1,190	1,170
Elevation, in feet, at end of month												
	9650.38	9639.70	---	---	---	---	---	9643.71	9643.51	9649.76	9650.39	9649.10
Change in contents, in acre-feet												
	0	-667	---	---	---	---	---	---	-13	+411	+40	-90

Water Year 2005	
Change in contents, in acre-feet	-90

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